

X and Y Intercepts

To find x-intercept, let $y = 0$. To find y-intercept, let $x = 0$.
Graph $4x - y = 4$ by using the x- and y-intercepts.

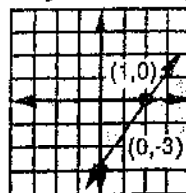
x-intercept **y-intercept**

$$3x - y = 3 \qquad 3x - y = 3$$

$$3x - 0 = 3 \qquad 3(0) - y = 3$$

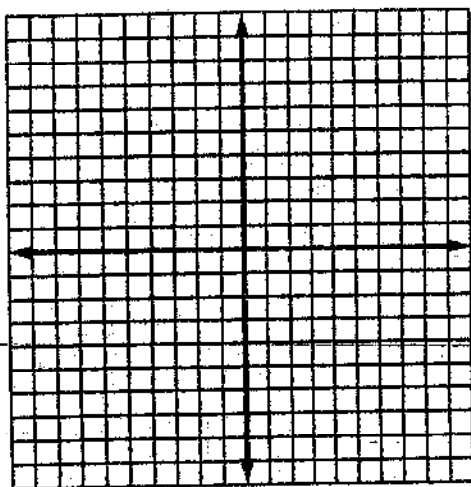
$$3x = 3 \qquad -y = 3$$

$$x = 1 \qquad y = -3$$

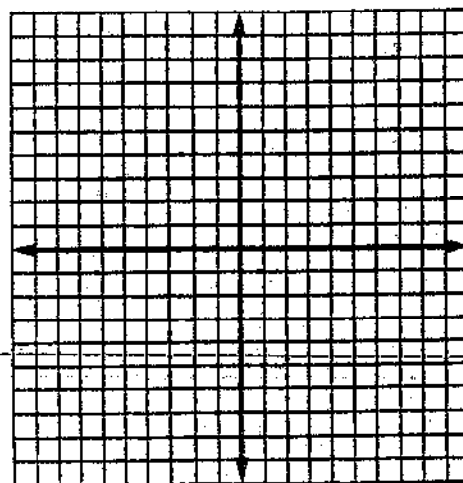


Find the x- and y-intercepts and graph.

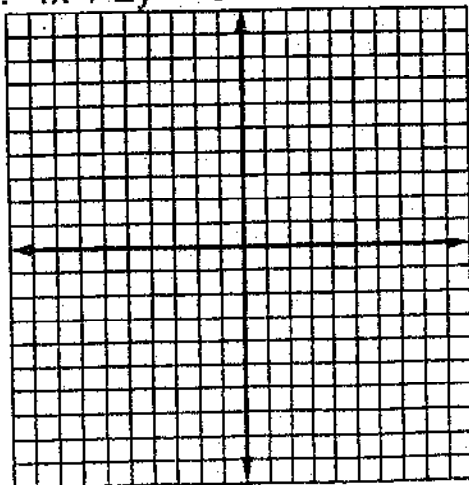
1. $x + 5y = 10$



2. $3x - 6y = 12$



3. $4x + 2y = -8$



4. $2x + 6y = 18$

